LINN
IKEMI & GENKI
CD PLAYER OWNERS MANUAL

Year 2000 Compliance

Linn has used all reasonable endeavours to ensure that the software in the products manufactured by it is capable of normal operation before, during and after 1 January 2000 and in respect of past, present and future dates without replacement, alteration or upgrade ("Year 2000 Compliant"). Linn, however, gives no express warranties, representations or undertakings and to the maximum extent permitted hereby excludes any terms, warranties, representations or undertakings implied by law to that effect. Linn cannot give any warranties, representations or undertakings that non Linn software is or will be Year 2000 Compliant or that Linn's software will be Year 2000 Compliant if used in conjunction with non Linn products, systems or software. The Purchaser, Installer, Retailer or Distributor will be solely responsible for ensuring that Linn's software will be Year 2000 Compliant when used in conjunction with such non Linn software, systems or products and for any failure if it is not Year 2000 Compliant in such circumstances. Except to the extent implied by law and which by law cannot be excluded, Linn shall not be liable to any party for any costs, claims, losses (including indirect and consequential losses) or liabilities arising from the failure of Linn's software to be Year 2000 Compliant if used in conjunction with non Linn products, systems or software.

Important safety information

Explanation of symbols used in this manual and on the product:



This symbol is intended to alert the user to the presence of uninsulated dangerous voltages within the enclosure of sufficient magnitude to cause electric shock.



This symbol is intended to alert the user to the presence of important maintenance and servicing information in the instruction and service manuals.

CAUTION
TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE THE COVER.

NO USER SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING: SHOCK HAZARD. DO NOT OPEN.
AVIS: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR.

CAUTION: REPLACE FUSE WITH SAME TYPE AND RATING.
ATTENTION: UTILISER UN FUSIBLE DE RECHANGE DE MÊME TYPE.

DISCONNECT SUPPLY CORD BEFORE CHANGING FUSE.
ATTENTION: DEBRANCHER AVANT DE REMPLACER LE FUSIBLE.

WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

MAINS PLUGS
This appliance is supplied with a non-rewireable mains plug for the intended country.

Replacement mains leads can be obtained from your Linn retailer.
Should you need to change the plug please dispose of it carefully.

A plug with bared conductors is dangerous if engaged in a live socket.

The Brown wire must be connected to the Live (Line) supply pin.
The Blue wire must be connected to the Neutral supply pin.
The Green/Yellow wire must be connected to the Earth (Ground) supply pin.

Please contact your retailer or a competent electrician if you are in any doubt.

GENERAL SAFETY INSTRUCTIONS

1. Read instructions. Read the safety and operating instructions before operating the appliance.
2. Retain instructions. Retain the safety and operating instructions for future reference.
3. Heed warnings. Observe all warnings on the appliance and in the operating instructions.
4. Follow instructions. Follow all operating and use instructions.
5. Water and moisture. Do not use the appliance near water, for example near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
6. Carts and stands. Use only with a cart or stand that is recommended by the manufacturer.

6a. An appliance and cart combination should be used with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

7. Wall or ceiling mounting. Mount to a wall or ceiling only as recommended by the manufacturer.
8. Ventilation. Site the appliance so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or placed in a built-in installation such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. Heat. Site the appliance away from heat sources such as radiators, heaters, stoves, or other appliances (including amplifiers) that produce heat.
10. Power sources. Connect the appliance to a power supply only of the type described in the operating instructions or marked on the appliance.
11. Grounding or polarisation. Do not defeat the safety purpose of the polarised or grounding type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
12. Power cord protection. Route power cords so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, power sockets, and at the point where they exit from the appliance.
13. Protective attachment plug. As a safety feature the product is equipped with an attachment plug containing overload protection. See the instruction manual about resetting or replacing the plug. Should the plug need replacing ensure that a replacement is used which has the same overload protection as the original.
14. Cleaning. The product should be cleaned only as recommended by the manufacturer.
15. Power lines. An outdoor antenna should be located away from power lines.
16. Outdoor antenna grounding. If an outdoor antenna is connected to the tuner/receiver ensure that the antenna system is grounded to provide some protection against voltage surges and static build up.

    In the USA see article 810 of the National Electrical Code ANSI/NFPA 70 concerning installation requirements.
17. Unplug this apparatus during lightning storms or when unused for long periods of time.
18. Objects and liquid entry. Take care not to let objects or liquids fall into the product.
19. Damage requiring service. The product should be serviced by qualified personnel if:
    a) The power cord or plug has been damaged.
    b) Objects or liquid have fallen into the product.
    c) The product has been exposed to rain.
    d) The product does not appear to operate normally or exhibits a marked change in operation.
    e) The product has been dropped or the enclosure damaged.
20. Servicing. Don't attempt to service the product beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

UK USERS PLEASE READ THIS IMPORTANT SAFETY INFORMATION

Fuse replacement

This appliance is fitted with a non-rewireable 13 Amp mains plug. The plug contains a 5 Amp fuse. If the fuse has blown it can be replaced as follows:

a) Pull out the red fuse cover/carrier.

b) Remove and dispose of the blown fuse.

c) Fit a new 5 Amp BS1362 approved fuse into the carrier and push the carrier back into the plug.

Always ensure the fuse cover is fitted. If the fuse cover is missing do not use the plug. Contact your Linn retailer to obtain a replacement fuse cover.

Fuses are for fire protection and do not protect against electric shock.

Mains plug replacement

Should your mains plug need replacing and you are competent to do this proceed as follows. If you are in doubt contact your Linn retailer or a competent electrician.

a) Disconnect the plug from the mains supply.

b) Cut off the plug and dispose of it safely. A plug with bared conductors is dangerous if engaged in a live socket.

c) Only fit a 13 Amp BS1363A approved plug with a 5 Amp fuse.

d) The cable wire colours or a letter will be marked at the connection points of most quality plugs.

   Attach the wires securely to their respective points. The Brown wire must go to the Live pin, the Blue wire must go to the Neutral pin, and the Green/Yellow wire must go to the Earth pin.

e) Before replacing the plug top ensure that the cable restraint is holding the outer sheath of the cable firmly and that the wires are correctly connected.

WARNING

THIS APPLIANCE MUST BE EARTHED.

Replacing the fuse

Should the mains fuse blow replace it only with an equivalent part. The fuse holder is located just below the mains inlet socket. To replace the fuse disconnect the product from the mains supply. Using a flat blade screwdriver remove and replace the fuse. If the fuse blows a second time there is a fault in the product. Contact your local retailer.

Fuse ratings. See specifications section.

Mains voltage operating range. See specifications section.

Warning!! The power supply may be destroyed if a unit designed for 115V is connected to 230V.

CE Declaration of Conformity

Linn Products Ltd declare that this product is in conformance with the Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility 89/336/EEC as amended by 92/31/EEC and 93/68/EEC.

The conformity of the designated product with the provisions of Directive number 73/23/EEC (LVD) is proved by full compliance with the following standards:

Standard number	Date of issue	Test type
EN60065	1993	General requirements Marking Ionizing Heating under normal conditions Shock hazards under normal operating conditions Insulation requirements Fault conditions Mechanical strength Parts connected to the mains supply Components Terminal devices External flexible cords Electrical connections and mechanical fixings

The conformity of the designated product with the provisions of Directive number 89/336/EEC (EMC) is proved by full compliance with the following standards:

Standard number	Date of issue	Test type
EN55013	1994	Conducted emissions
EN55013	1994	Absorbed emissions
EN60555-2	1987	Harmonics
EN60555-3	1987	Voltage fluctuations
EN55020	1994	Immunity

FCC notice

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Contents

Copyright and acknowledgements

Linn Products Limited, Floors Road, Waterfoot, Glasgow, G76 0EP, Scotland, United Kingdom.

Printed in the United Kingdom.

Introduction

Thank you for buying this product.

The Ikemi and Genki are the latest Linn CD players. Both products are covered in this manual as they share many common attributes. If you just want to play music now, skip to the section on 'Using the Ikemi and Genki'. If you would like to learn more about the Ikemi and Genki, read on.







The Linn CD players.

We have a range of four CD players:

The Classik integrated CD player, pre and power-amplifier is our starting point. This is a self contained, independent product capable of giving a powerful and truly musical performance from a compact and versatile package.

The Genki is a true high performance CD player for those who want to build a great music playing system one component at a time. Its audio quality justifies using it with the best control and playback systems, and its built in variable output allows a complete CD playing system to be built with only a power amplifier and loudspeakers.

The Ikemi exceeds the audio performance of our previous best CD player and external D/A convertor, but all in one compact box. With its range of outputs, both balanced and single ended, its beautifully engineered mechanism and unique audio design it combines the latest technology with years of digital audio experience.

The CD12 is our ‘flagship’ CD player. A case machined from two solid aluminium plates contains the Linn ‘CD Engine’, the highest digital audio technology and countless hours of intense engineering work. With no expense spared in its design and manufacture it represents the best we can do.

Details, similarities, differences.

The most obvious external difference between the Ikemi and Genki is the CD loading slot. The slim aluminium drawer of the Ikemi is the only visible part of the CD mechanism. Inside is a precision machined and very ingenious CD loading mechanism. Its 'mechatronic' design is built up from a rigid circuit board which contains the CD servo and decoding circuitry, the mechanism control circuitry and software, and the motors, pulleys, belts and optical sensors which monitor the disc loading process.

The mechanism is not only a pleasure to use but also provides considerable vibration and environmental protection for the laser system, increasing its immunity to external disturbances.

The digital audio signals from this 'CD engine' are connected through very short links to the 'audio module' which contains our '2D' digital signal processing algorithm, the D/A convertors, the master clock, filters, output circuitry and power supply regulators. This uses (as do all our products) high density surface mount circuitry to keep the signal paths short and direct, giving a very electrically quiet product with high immunity to external electrical disturbances. The Ikemi has both single ended and balanced audio outputs, making it easy to connect to any high performance control amplifier. The balanced output, unlike many others, uses a very low noise circuit topology allowing maximum signal transfer from the Ikemi.

The Genki uses a simple, reliable and robust CD mechanism, which though lacking the refinement of the Ikemi mechanism has exactly

the same laser, CD servo and decoding circuitry, D/A convertor and power supply. All the digital and analogue audio circuitry is contained on one high density surface mount circuit board. The ultra low noise power supplies, low jitter master clock and high resolution D/A convertor are all focussed on providing high musical performance through both the fixed and variable outputs. If you already have a good control amplifier and are therefore using the Genki fixed output, you may wish to consider using the Genki variable output to feed a power amplifier in another room, making it easy to enjoy great sound around your house. For even more flexibility, see the section on Knekt.

The intelligence of the Ikemi and Genki is contained in a fast microprocessor on the control module, behind the front panel. The operating software is held in 'flash' memory which is loaded, when the product is built, through the optional RS232 interface module. The RS232 interface module provides complete electrical isolation between the Ikemi and an external control system and allows, for example, a home automation system to provide the user interface to the audio system, with no compromise to the audio performance.

Power for both products is supplied through the latest generation of our 'Brilliant' switch mode power supply. Our understanding and use of this 'silent power' technology has enabled us to improve the performance of all our source and control products over the last few years, and with the imminent launch of our latest power amplifier, has just taken our system performance higher still. The same power supply technology is used to power the Genki, Ikemi, CD12 and our best control amplifiers.

HDCD®.

Both the Ikemi and Genki are equipped with an HDCD® decoder. HDCD® is a digital signal processing system developed by Pacific Microsonics of California which conceals control codes into a very small fraction of the recorded CD digital audio stream. An HDCD® decoder recognises these control codes and uses them to process the digital audio to increase its dynamic range and resolution, while leaving the original digital stream compatible with conventional CD players. The HDCD® process has been used successfully on many CDs, but possibly more importantly, the digital filters in the HDCD® decoder, through which all signals pass, are much better than most existing digital filters, so every CD benefits.

Digital outputs.

The Ikemi and Genki both have low jitter SPDIF digital audio outputs on BNC sockets. The Ikemi also has an optical output (Toslink) and an AES/EBU professional balanced low noise digital output. Though rarely used on domestic equipment this digital audio connection format combines the high speed and low jitter of an electrical interface with almost as low electrical noise as an optical connection.

We provided these digital outputs for connection to external processors, digital recorders and for potential future external DACs. However, as the digital and analogue audio circuitry used in the Ikemi and Genki are so good, and with the advantage of being in the same box as the source of the digital stream, there are currently very few external DACs which will give an improvement in sound quality!

Sync Link™.

The Sync Link is a simple system which we have used since we made our first CD player (the Karik) and separate DAC (the Numerik) in 1991, to minimise the jitter introduced by the SPDIF interface commonly used to connect digital audio components. In a sync link equipped CD transport and DAC, the DAC instead of having to recover its clock signal from the incoming SPDIF stream contains its own free running low noise master clock, connected directly to the D/A chips. A low frequency (almost DC) signal is fed back to the CD transport to adjust its speed, making it supply digital audio data at the rate the master clock in the DAC requires. The DAC therefore becomes the master, and the CD transport the slave.

There are other systems which try to achieve this goal, but they invariably involve sending a high speed (and high noise) clock signal from the DAC to the CD transport. The Linn sync link is unique in its silent effectiveness.

However, as mentioned above, the performance of the Ikemi and Genki is so good that the Ikemi on its own out-performs our current standalone DAC, the Numerik, even with the sync link.

Knekt.

Knekt is the versatile, flexible and powerful Linn multiroom audio system. Both the Ikemi and Genki are fully Knekt compatible making it easy to enjoy their performance all round your home. See your local installer or our website for more information.

Setting up the IKEMI and GENKI

This chapter explains how to unpack your CD player, and how to set it up with your other hi-fi components.

Unpacking

The IKEMI and GENKI are supplied with complete with the following accessories:

- A remote control handset
- A mains lead
- Mains fuses
- This manual
- Audio interconnect cables

We recommend you retain the packaging in case you need to transport the CD player at a later date.

WARNING: Do not connect the mains supply until you have verified that the CD player is set to the correct voltage for your mains supply.

The IKEMI and GENKI are factory-set for a 230 volts mains supply and must not be connected to a mains supply before being adjusted for your local voltage, and fitted with the appropriate fuses. To set the voltage, using a flat blade screwdriver, turn the voltage selector on the mains inlet module to display the correct setting for your country:

- 230V for countries with 230V or 240V supplies.
- 115V for countries with 100V or 115V supplies.

Replacing the fuses

Before replacing the fuse identify the correct fuse for your local voltage:

- 100V: T800mA
- 115V: T800mA
- 230V: T800mA

The fuse compartment is on the mains inlet module to the left of the voltage selector.

Disconnect the mains supply by removing the IEC mains cable from the mains inlet module. Using a flat blade screwdriver remove and replace the fuse. If the fuse blows a second time there is a fault in the product. Contact your local retailer.

Earthing.

This product must be earthed, Use the three wire moulded mains lead supplied. Never use an unearthed plug or adaptor.

Positioning the IKEMI and GENKI

You can position your CD player almost anywhere you find convenient, but the following considerations may be useful.

The CD player can be placed on top of other products, provided you allow plenty of air circulation around components that generate heat, such as power amplifiers.

Locating the IKEMI and GENKI for use with the handset

The Linn infra-red remote control system is exceptionally sensitive, and you should be able to operate your CD player with the handset from almost anywhere in a room. For best results the infra-red sensor on the front panel should be kept out of direct sunlight, and it should not be obscured.

Note that certain types of halogen lamps, and low-energy or fluorescent bulbs, can also interfere with use of the handset if they are near to the CD player.

Connecting the IKEMI and GENKI

The following diagram shows the rear panel connections of the Ikemi and Genki.





Switch OFF.

Always switch off all equipment before changing any connections as surges may cause serious equipment damage.

IKEMI.

Analogue outputs.

The Ikemi has two identical pairs of single ended (RCA phono socket) outputs. Use one to connect to your main control amplifier, and one for connection to other components, for example a multiroom distribution system.

If your control amplifier has balanced inputs you may prefer to use the Ikemi balanced outputs, particularly if there is more than a few metres between the Ikemi and the control amplifier.

Use the digital outputs for connecting to digital recorders, processors etc. The digital outputs can all be switched off if they are not required. See ‘Using the Ikemi and Genki’.

The Sync Link™ connector is only of use with a Linn DAC, such as the Numerik.

The remote in/out connectors are for use in a Linn Knekt system. If you have the optional RS232 interface see the accompanying information for it’s use.

GENKI.

The Genki has two identical pairs of fixed level outputs and two identical pairs of variable level outputs. Use one pair of the fixed level outputs if you already have a high quality control amplifier. The other fixed output can be used to connect to other components, for example a multiroom distribution system.

If you do not have a control amplifier you can connect one pair of the variable level outputs directly to your power amplifier. The other pair can feed a power amplifier in another room, or even use both pairs with two matched power amplifiers to bi-amp your speakers!

The SPDIF digital output is for connecting to digital recorders, processors etc. The digital output can be switched off if not required. See ‘Using the Ikemi and Genki’.

Mains supply.

Connect the mains lead to a suitable earthed power outlet.

Using the IKEMI & GENKI

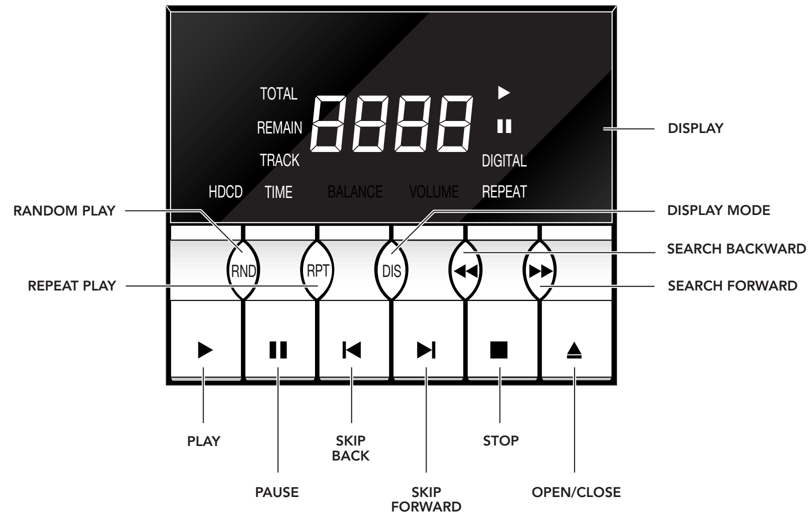
This chapter explains how to use the IKEMI and GENKI.

Using the front panel

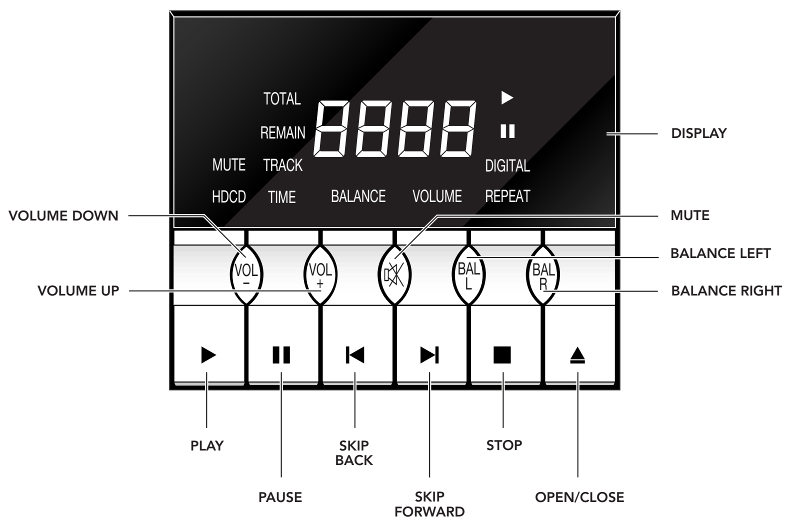
We designed the IKEMI and GENKI to be easy to use. The front panel display gives clear information about what you are doing and, although there are many sophisticated features, all the most commonly used ones require only one or two key presses.

The illustrations on the following pages explain the function of each of the front panel keys, and the meaning of the different parts of the display.

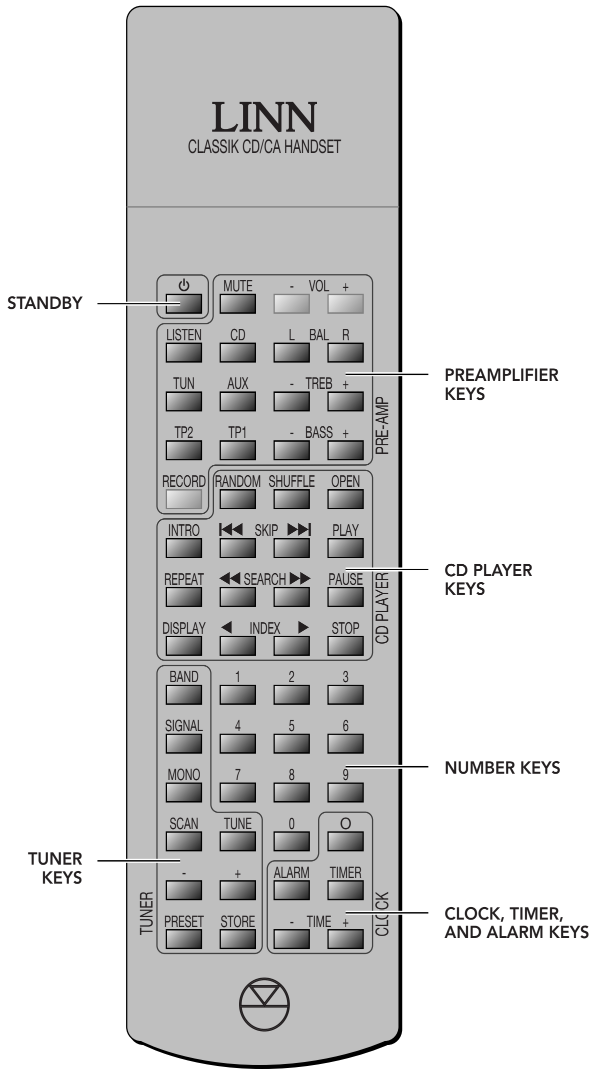
IKEMI display and controls



GENKI display and controls



Using the handset

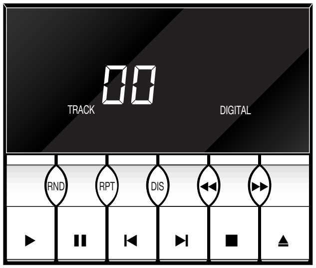


The IKEMI and GENKI are supplied with a remote control handset which provides access to all of the functions available from the front panel. In addition it provides several more advanced features, including selecting tracks by number and programming a selection of tracks.

The keys are arranged into logical groups, for ease of use, and the illustration opposite shows the function of each group of keys.

Note that the number keys operate the CD or tuner, depending on which one was last controlled by the handset. If the number keys appear not to work press one of the CD control keys.

Switching on and off



Press the power button on the front panel. The adjacent indicator will light whenever power is applied.

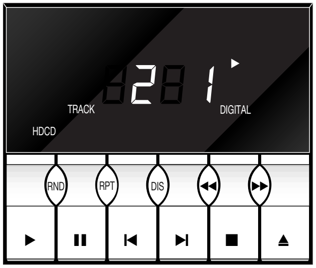
The power up state can be changed in *User Options.*



IKEMI and GENKI operation

The next few pages show how to operate the IKEMI and GENKI. The illustrations show the IKEMI front panel. A small insert shows the appropriate remote control handset button to operate both the IKEMI and GENKI. The features unique to the GENKI are covered after "programming".

HDCD®



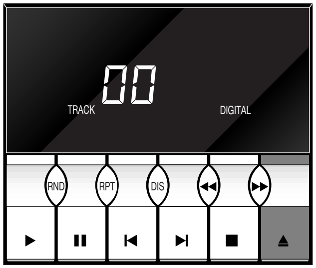
Both the IKEMI and the GENKI are HDCD® compatible. When a disc with HDCD® encoding is played the HDCD® legend will light.

Display information

The display on the IKEMI and GENKI can show the following information by pressing the **DISPLAY** handset button or the **DIS** front panel button on the IKEMI, when a disc is playing. Only the GENKI has volume and balance displays.

Display	Description	Example
TRACK+INDEX	Track and index number.	
	No disc present.	00
	Disc is playing.	3 1
	Disc is stopped.	16
TRACK TIME	Time from the start of	0.38
	the current track.	
REMAIN TRACK TIME	Time remaining for the	1.25
	current track.	
TOTAL TIME	Time from the start of the disc.	25.14
TOTAL REMAIN TIME	Time remaining for the disc.	12.54
VOLUME	GENKI output level.	23
BALANCE	GENKI left/right level.	= =

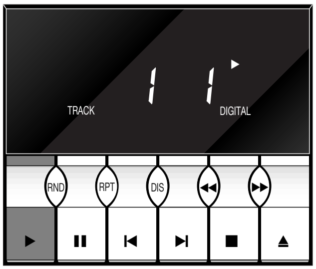
Playing a disc



Open the drawer

You can close the drawer by gently nudging it or by pressing **OPEN** again.

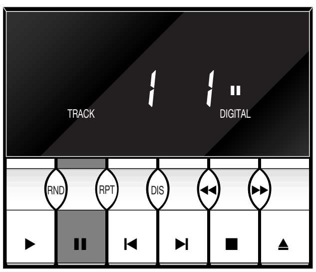
OPEN



Press **PLAY**

To change the display see the previous page.

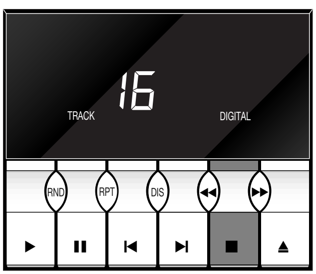
PLAY



Press **PAUSE**

To continue playing press **PAUSE** again, or **PLAY**.

PAUSE

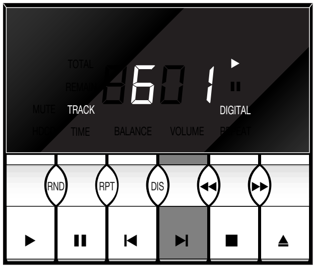


Press **STOP**

When stopped the display shows the number of tracks on the disc.

STOP

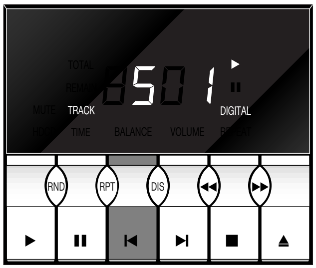
Skip and Search



Press **SKIP** forward.

Skip to the start of the next track.

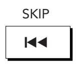


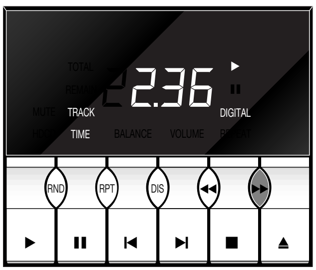


Press **SKIP** backward.

First press skips to the start of the current track.

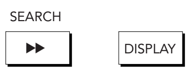
Further presses skip back through the disc.





Press **SEARCH** forward.

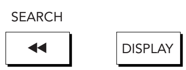
Press **DIS (DISPLAY)** to show the disc time.



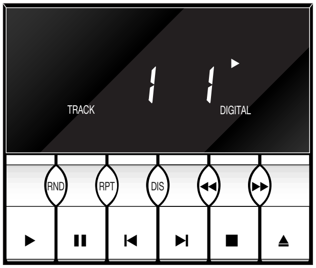


Press **SEARCH** backward.

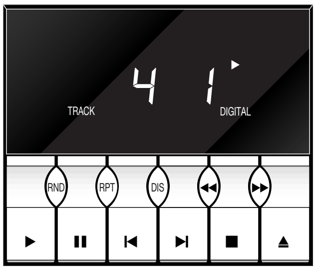
Press **DIS (DISPLAY)** to show the disc time.



Direct track number selection



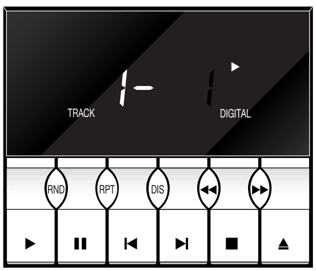
The CD player can be playing, stopped or open.



Press the number of the required track on the handset. The selected track will play immediately.

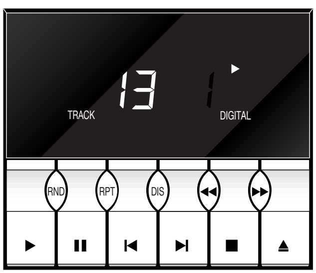
Note: If the track is not selected press any CD control button on the handset to tie the numbers to the CD player.

4



To select a two digit track number press the first digit and hold for two seconds.

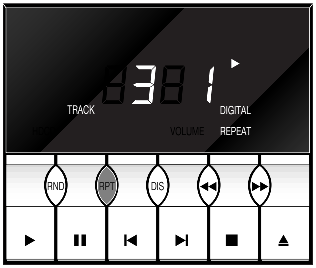
1



Press the second digit. The selected track will play immediately.

3

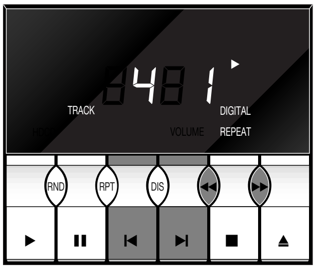
Repeat Play



Press **REPEAT** once.

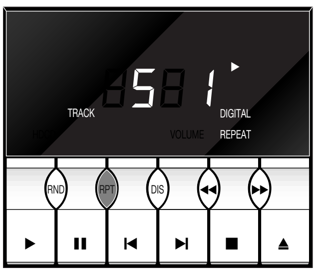
This will repeat the entire disc or choose the start point for a section repeat.





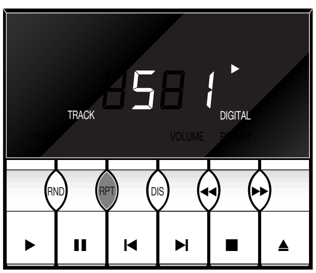
Using **SKIP** or **SEARCH** or the handset select the end of the section to repeat.





Press **REPEAT** a second time to store the end of section repeat.

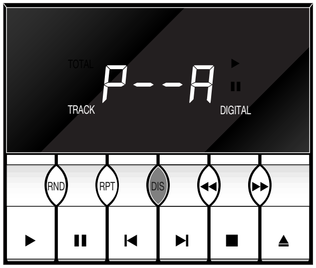




Press Repeat a third time to cancel all repeats.

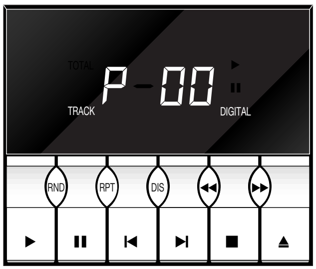


Programming a selection of tracks (programme mode A)

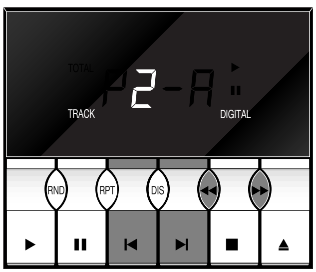


Load a disc and press **OPEN**. Wait until the display shows the disc time then the number of tracks. Press and hold **DIS (DISPLAY)** for one second. Holding for longer will enter programme mode B. To start again press **OPEN**.

DISPLAY



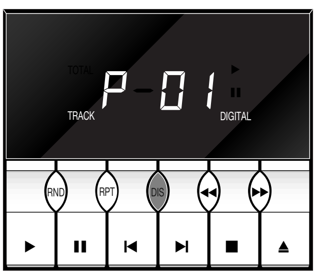
Ready to programme.



Using **SKIP** or the handset select the first track to play.

SKIP

0...9



Press **DIS (DISPLAY)** to save this programme step. Using **SKIP** or the handset repeat for all chosen tracks then press **PLAY**.

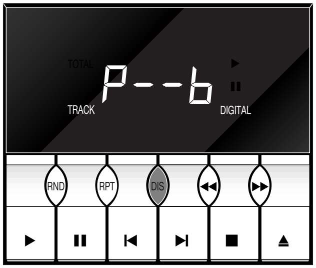
Open the drawer to clear the programme.

SKIP

0...9

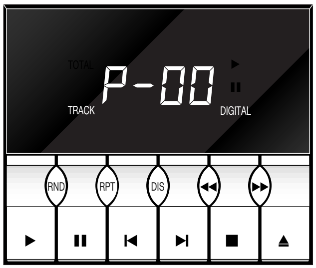
DISPLAY

Programming excluding of tracks (programme mode B)

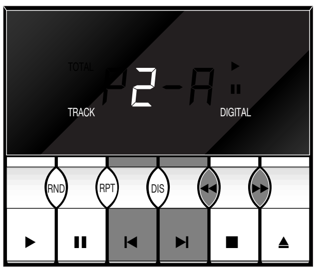


Load a disc and press **OPEN**. Wait until the display shows the disc time then the number of tracks. Press and hold **DIS (DISPLAY)** for two seconds. To start again press **OPEN**.



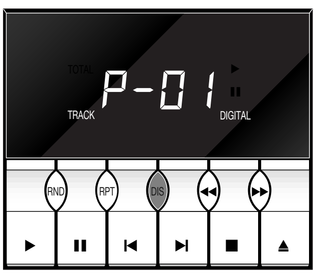


Ready to programme.



Using **SKIP** or the handset select the first track to exclude.



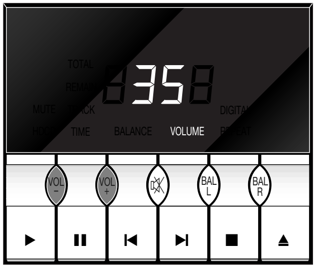


Press **DIS (DISPLAY)** to save this programme step. Using **SKIP** or the handset repeat for all chosen tracks then press **PLAY**.

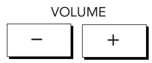
Open the drawer to clear the programme.

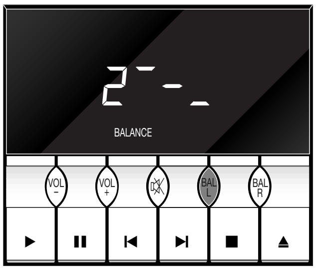


GENKI variable output



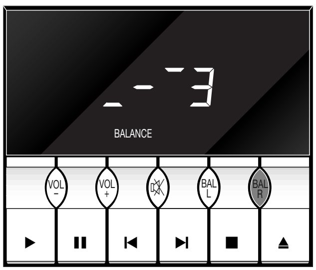
Increase and decrease volume.





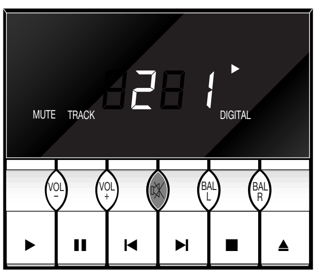
Move the balance to the left.





Move the balance to the right.

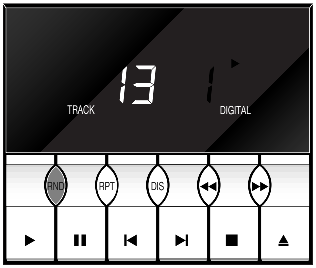




Mute the variable output.



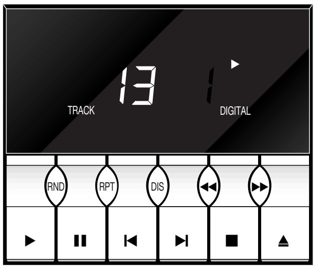
Advanced CD functions



Random play mode. This will play and repeat all the tracks on the disc in random order.

The random play mode can start from open, stopped or playing. The play list takes several seconds to create, please wait.

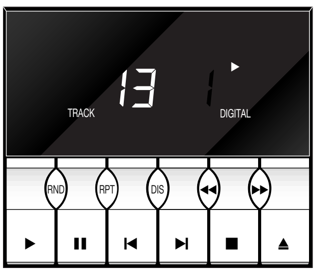
RANDOM



Shuffle play mode. This will play all the tracks on the disc once, in random order.

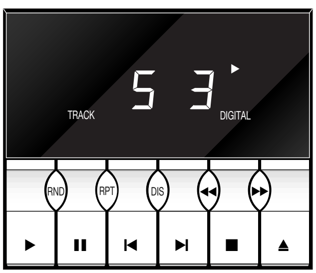
The shuffle play mode can start from open, stopped or playing. The play list takes several seconds to create, please wait.

SHUFFLE



Intro play mode. This will play the first ten seconds of each track on the disc in sequence. Press **PLAY** to listen to the selected track.

INTRO

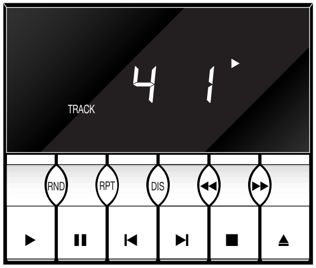


Index points. Some classical discs have index points, for example to make it easier to find the start of a movement.

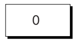
INDEX

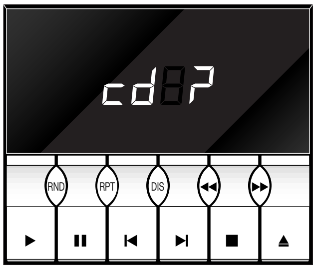
◀ ▶

Advanced CD functions, continued

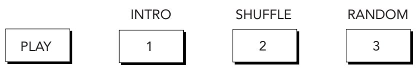


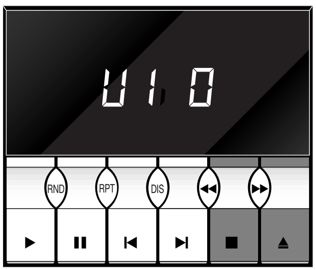
Digital output. Press and hold **0** on the handset to switch on and off the digital outputs. Use this, for example, if you have a digital audio accessory with automatic input selection.





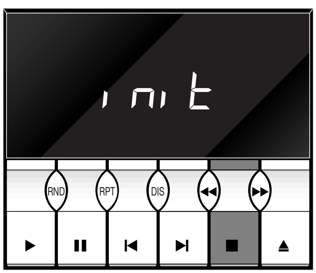
The **PLAY** button. If your handset does not have **RANDOM**, **SHUFFLE** and **INTRO** buttons press and hold the **PLAY** button.





User Options. To customise the operation of the IKEMI and GENKI go to the User Options mode. Switch the power on while holding the **OPEN** button for twelve seconds. **OPEN** selects the Option, **STOP** changes its value. See the following table for the options. To exit press and hold **OPEN** for five seconds.





Factory default settings (initialise). Switch the power on while holding the **STOP** button, for ten seconds.



User Options

The IKEMI & GENKI include a number of user options to allow you to change the way they operate to suit your personal preferences.

Option	Description	Values
U1	Display Sleep mode	**0** = Disabled 1 = Sleep display
U2	Remote control receiver	0 = Disabled **1** = Enabled
U3	CD power up	**0** = CD stop on power up 1 = CD start on power up
U4	CD status at power down (stopped, paused, playing, track number)	**0** = do not retain status 1 = retain status
U5*	Default volume on power up	**0** = Volume 25 1 = Volume 50
U6*	Volume on power up is last selected volume	**0** = Use volume from U5 1 = Power up at last volume
U7*	Change the pre-amp address for the volume and balance commands	0 = Pre-amp 3 on Linn AV5101 handset (address 15) **1** = Kairn address (address 16) 2 = Knekt function 1/ function 2 keys on Linn handset.

*** GENKI only**

Values in **bold** are factory defaults.

Maintenance

CD handling

Hold the compact disc by the edge so you don't touch the playing surface. Don't attach paper or tape to either side of the disc. Never attempt to play a cracked or badly warped disc; it may damage the CD player laser.

Cleaning.
To remove fingerprints or other marks lightly wipe the disc with a soft cloth from the centre of the disc outwards. Dampen the cloth for more persistent marks then dry with a soft cloth.

Storage.
Don't leave discs in the player. If they're not being played put them back in their cases.

Servicing

Like all our products the Ikemi and Genki are designed for a long life. Any servicing should only be carried out by an authorised retailer.

Cleaning.
Dust and finger marks can be removed using a soft damp cloth. Switch the unit off before cleaning. Avoid the use of domestic cleaning products.

Technical support

For technical support, product queries and information please contact either your local retailer or:

Linn Products Ltd
Floors Road
Waterfoot
Glasgow G76 0EP
Scotland

Phone:	+(44) (0)141 307 7777
fax:	+(44) (0)141 644 4262
UK helpline:	0500 888909
email:	helpline@linn.co.uk

website: http://www.linn.co.uk

Linn Incorporated
4540 Southside Boulevard
Suite 402
Jacksonville
Florida 32216

phone:	+(1) 904 645 5242
fax:	+(1) 904 645 7275
email:	linnincorporated@compuserve.com

Linn GmbH
Albert Einstein Ring no.19
D22761
Hamburg

phone:	+(49) 40 890 6600
fax:	+(49) 40 890 66029
email:	linn_deutschland@T-online.de

Technical information

IKEMI Specifications

Signal	Connector	Level	Impedance	Notes
Single ended analogue	RCA phono	2V rms	300 Ohms	
Balanced analogue	XLR male	4V rms	600 Ohms	pin1 gnd pin 2 hot pin 3 cold
SPDIF electrical	BNC	0.5V pp	75 Ohms	
SPDIF optical	TOSLINK			
AES/EBU electrical	XLR male	1V pp	110 OHMS	pin 1 gnd pin 2 hot pin 3 cold
Sync Link input	RCA phono	0-10 Vdc	10k Ohms	Linn use only
Knekt remote in/out	RCA phono	4mA	na	Knekt use only
Mains input	IEC	90 - 130Vac 180 - 260Vac 20 Watts max		 manual switch
Dimensions:	80mm H x 320mm W x 325mm D (3.15 x 12.6 x 12.8 inches)			
Weight:	4.1kg (9 lb)			

GENKI Specifications

Signal	Connector	Level	Impedance	Notes
Analogue, fixed level	RCA phono	2V rms	300 Ohms	
Analogue, variable	RCA phono	2V rms max	300 Ohms	72dB range
SPDIF electrical	BNC	0.5V pp	75 Ohms	
Knekt remote in/out	RCA phono	4mA	na	Knekt use only
Mains input	IEC	90 - 130Vac 180 - 260Vac 20 Watts max		 manual switch
Dimensions:	80mm H x 320mm W x 325mm D (3.15 x 12.6 x 12.8 inches)			
Weight:	3.3kg (7.26 lb)			

RS232 option (both IKEMI and GENKI)				
RS232 IN	RJ45	RS232	na	pin 1 boot pin 2 transmit pin 3 receive pin 4 nc pin 5 common pin 6 boot
RS232 OUT	RJ45	RS232	na	pin 1 nc pin 2 common pin 3 nc pin 4 transmit pin 5 receive pin 6 nc

PACK 169